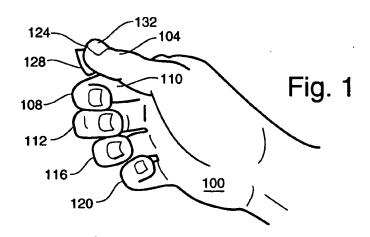
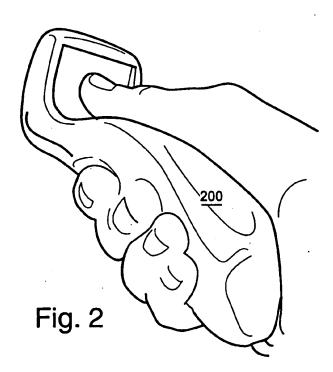


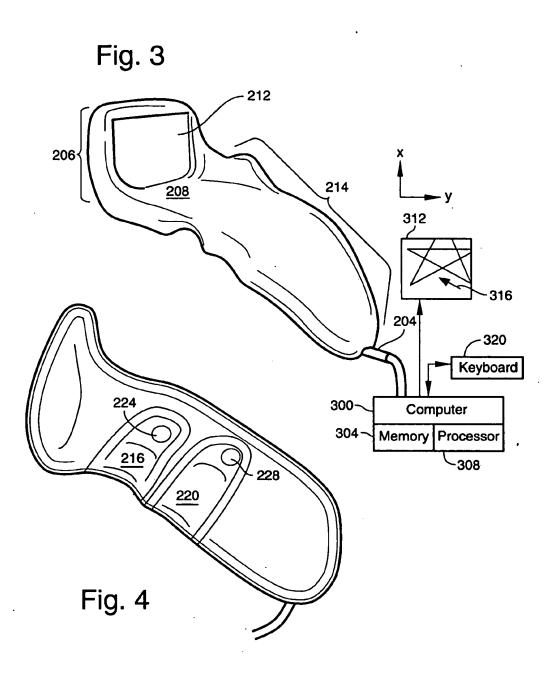
U.S. Application Serial No. 09/825,107 for THUMB ACTUATED X-Y DEVICE; Attorney 37,325 Docket 0975-003; Express Mail No. EV406651513US; Applicant: Crawford, Peter, Drawing 1 of 16

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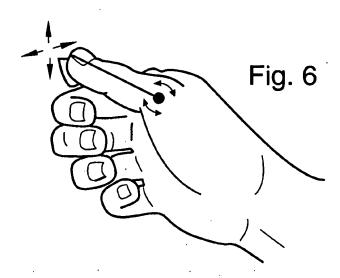
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Fig. 5A



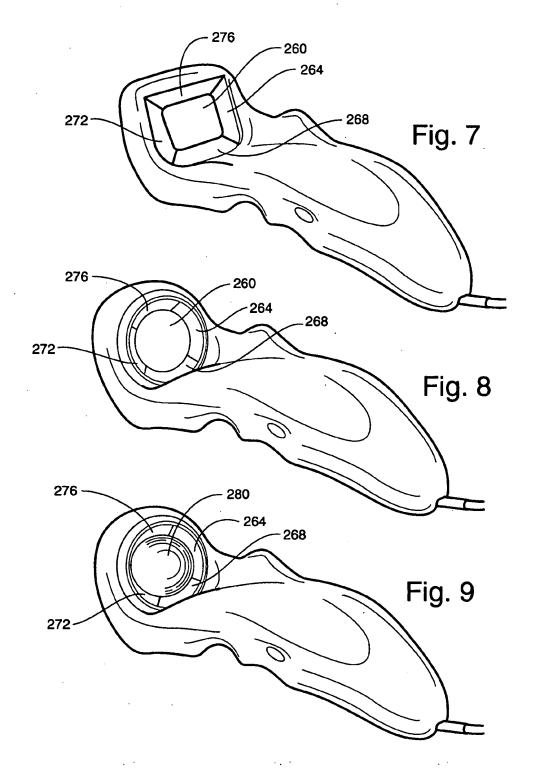
Fig. 5B





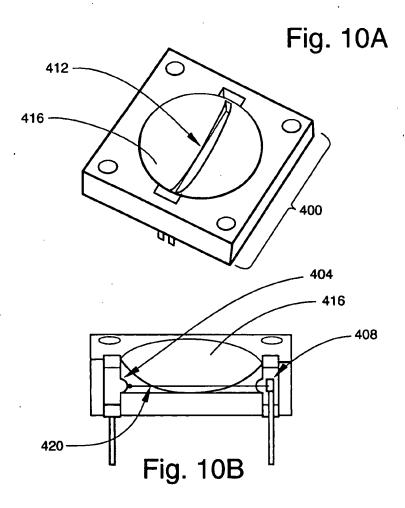


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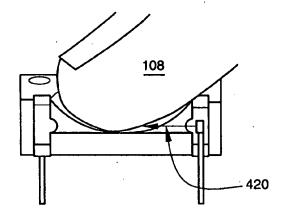


Fig. 10C



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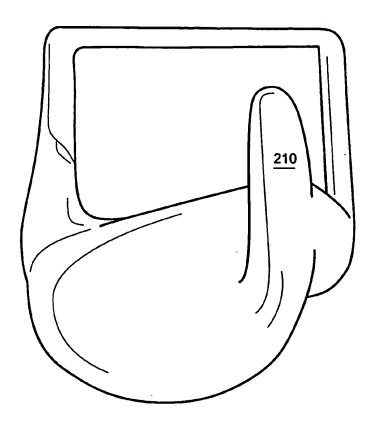


Fig. 11



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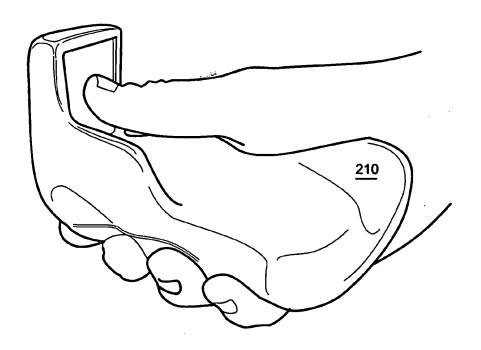


Fig. 12



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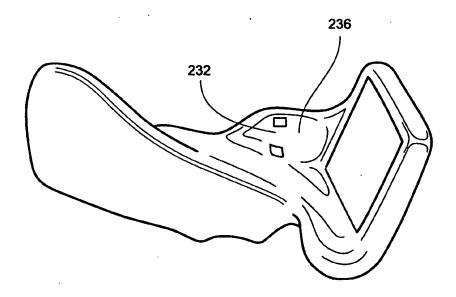
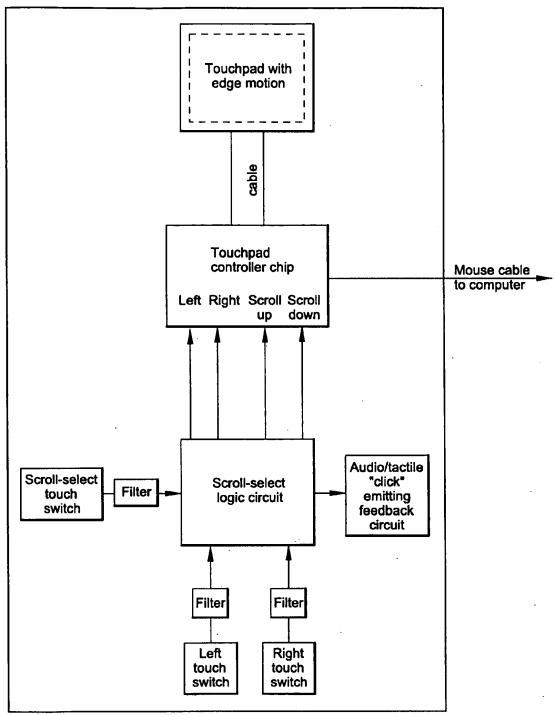


Fig. 13



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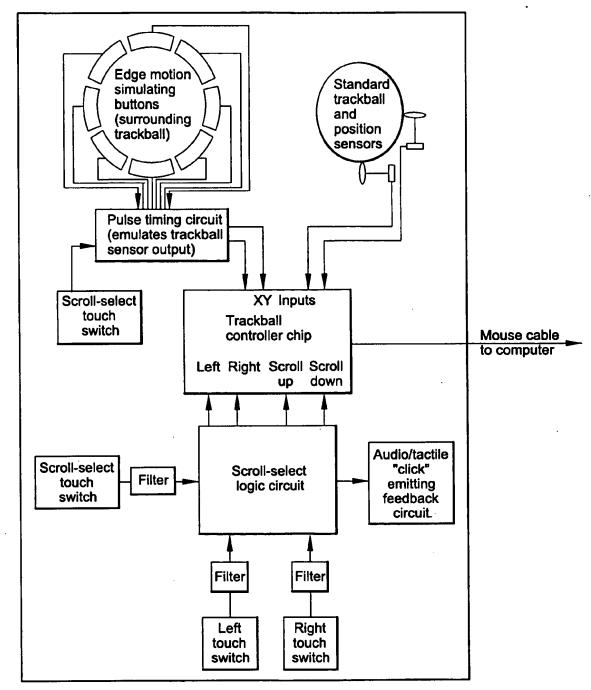


TOUCHPAD-BASED POINTING DEVICE INTERNAL CIRCUITRY BLOCK DIAGRAM

Fig. 14



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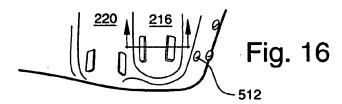


TRACK BALL-BASED POINTING DEVICE INTERNAL CIRCUITRY BLOCK DIAGRAM

Fig. 15



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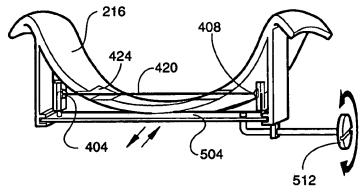


Fig. 17



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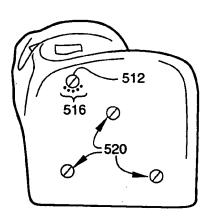


Fig. 18



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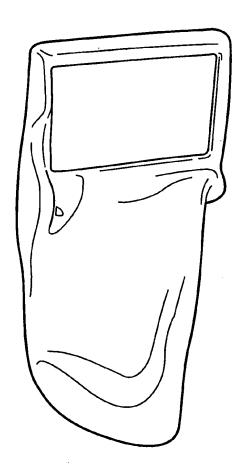


Fig. 19



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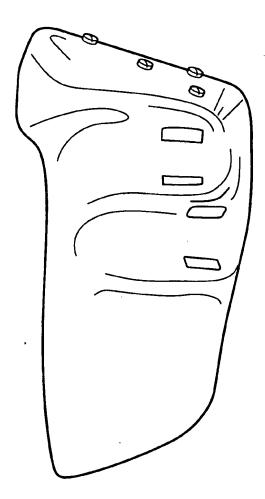


Fig. 20



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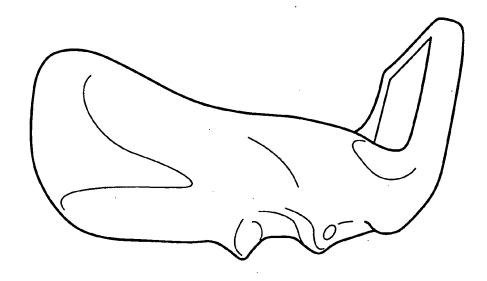


Fig. 21



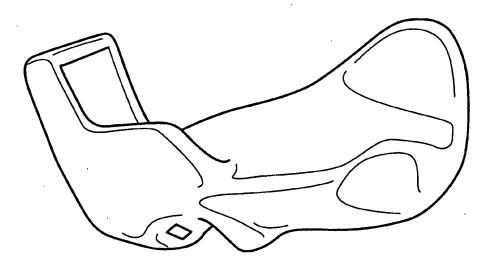


Fig. 22